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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 9

[Redacted] Complete if Known

Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	TBH Thanh Tran

Attorney Docket Number 254-094-CIP4/CIP-MB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TYT		US-6,677,670 B2	01/13/2004	Kondo	—
		US-6,660,561 B2	12/09/2003	Forthun	—
		US-6,627,984 B2	09/30/2003	Bruce, et al.	—
		US-6,620,651 B2	09/16/2003	He, et al.	—
		US-6,600,222 B1	07/29/2003	Levardo	—
		US-6,590,282 B1	07/08/2003	Wang, et al.	—
		US-6,572,387 B2	06/03/2003	Burns, et al.	—
		US-6,560,117 B2	05/06/2003	Moon	—
		US-6,552,910 B1	04/22/2003	Moon, et al.	—
		US-6,514,793 B2	02/04/2003	Isaak	—
		US-6,486,544 B1	11/26/2002	Hashimoto	—
		US-6,473,308 B2	10/29/2002	Forthun	—
		US-6,465,893 B1	10/15/2002	Khandros, et al.	—
		US-6,465,877 B1	10/15/2002	Farnworth, et al.	—
		US-6,462,412 B2	10/08/2002	Kamei, et al.	—
		US-6,446,158 B1	09/03/2002	Karabatos	—
		US-6,444,921 B1	09/03/2002	Wang, et al.	—
		US-6,426,549 B1	07/30/2002	Isaak	—
		US-6,426,240 B2	07/30/2002	Isaak	—
		US-6,410,857 B1	06/25/2002	Gonya	—

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
TYT		EP 461-639(A)	12/18/1991	Kitano, et al.	—	
		JP 2003309246(A)	10/31/2003	Mitsuru	—	
		JP 2003086761(A)	03/20/2003	Iwao, et al.	—	
		JP 2003086760(A)	03/20/2003	Masataka, et al.	—	
		JP 2003037246(A)	02/07/2003	Masami	—	
		JP 2001332683(A)	11/30/2001	Toshiya	—	

Examiner Signature	Thanh Tran	Date Considered	5/19/05
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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					
Sheet	2	of	9	Application Number	10/828,495
				Filing Date	April 20, 2004
				First Named Inventor	Julian Partridge, et al.
				Art Unit	2811
				Examiner Name	TBA
				Attorney Docket Number	254-094-CIP4/CIP-MB

U.S. PATENT DOCUMENTS					
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TYT		US-6,392,162 B1	05/21/2002	Karabatsos	—
		US-6,376,769 B1	04/23/2002	Chung	—
		US-6,368,896 B2	04/09/2002	Farnworth, et al.	—
		US-6,360,433 B1	03/26/2003	Ross	—
		US-6,351,029 B1	02/26/2002	Isaak	—
		US-6,323,060 B1	11/27/2001	Isaak	—
		US-6,300,679 B1	10/09/2001	Mukerji, et al.	—
		US-6,281,577 B1	08/28/2001	Oppermann, et al.	—
		US-6,266,252 B1	07/24/2001	Karabatsos	—
		US-6,265,660 B1	07/24/2001	Tandy	—
		US-6,262,895 B1	07/17/2001	Forthun	—
		US-6,262,476 B1	07/17/2001	Vidal	—
		US-6,233,650 B1	05/15/2001	Johnson, et al.	—
		US-6,225,688 B1	05/01/2001	Kim, et al.	—
		US-6,222,737 B1	04/24/2001	Ross	—
		US-6,208,521 B1	03/27/2001	Nakatsuka	—
		US-6,205,654 B1	03/27/2001	Burns	—
		US-6,172,874 B1	01/09/2001	Bartilson	—
		US-6,433,418	08/13/2002	Fujisawa, et al.	—
		US-6,121,676	09/19/2000	Solberg	—
		US-6,097,087	08/01/2000	Farnworth, et al.	—

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TYT		JP 2001085592(A)	03/30/2001	Kenji	—
TYT		JP 2001077294(A)	03/23/2001	Katsumasa	—

Examiner Signature	<i>Tran</i>	Date Considered	5/19/05
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 3 of 9

Complete if Known	
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Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2811
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Attorney Docket Number	254-094-CIP4/CIP-MB

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		Number-Kind Code ² (if known)			
TYT	US-6,072,233		06/06/2000	Corisis, et al.	—
	US-6,028,365		02/22/2000	Akram, et al.	—
	US-6,028,352		02/22/2000	Eide	—
	US-6,025,642		02/15/2000	Burns	—
	US-6,014,316		01/11/2000	Eide	—
	US-5,953,215		09/14/1999	Karabatsos	—
	US-5,949,657		09/07/1999	Karabatsos	—
	US-5,926,369		07/20/1999	Ingraham, et al.	—
	US-5,917,709		06/29/1999	Johnson, et al.	—
	US-5,869,353		02/09/1999	Levy, et al.	—
	US-5,835,988		11/10/1998	Ishii	—
	US-5,828,125		10/27/1998	Burns	—
	US-5,805,422		09/08/1998	Otake, et al.	—
	US-5,801,437		09/01/1998	Burns	—
	US-5,778,552		07/14/1998	Burns	—
	US-5,776,797		07/07/1998	Nicewarner, Jr., et al.	—
	US-5,654,877		08/05/1997	Burns	—
	US-5,644,161		07/01/1997	Burns	—
	US-5,642,055		06/24/1997	Difrancesco	—
	US-5,631,193		05/20/1997	Burns	—

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Thanh Tran

Date
Considered

5/19/05

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Sheet	4	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TYT		US-5,612,570	03/18/1997	Eide, et al.	—
		US-5,592,364	01/07/1997	Roane	—
		US-5,572,065	11/05/1996	Burns	—
		US-5,566,051	10/15/1996	Burns	—
		US-5,561,591	10/01/1996	Burns	—
		US-5,543,664	08/06/1996	Burns	—
		US-5,541,812	07/30/1996	Burns	—
		US-5,523,619	06/04/1996	McAllister, et al.	—
		US-5,514,907	05/07/1996	Moshayedi	—
		US-5,499,160	03/12/1996	Burns	—
		US-5,493,476	02/20/1996	Burns	—
		US-5,484,959	01/16/1996	Burns	—
		US-5,479,318	12/26/1995	Burns	—
		US-5,475,920	12/19/1995	Burns, et al.	—
		US-5,455,740	10/03/1995	Burns	—
		US-5,448,511	09/05/1995	Paurus, et al.	—
		US-5,446,620	08/29/1995	Burns, et al.	—
		US-5,428,190	06/27/1995	Stopperan	—
		US-5,420,751	05/30/1995	Burns	—
		US-5,402,006	03/28/1995	O'Donley	—

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Examiner Signature	Thanh Tran	Date Considered	5/19/05
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T Y T		US-5,394,010	02/28/1995	Tazawa, et al.	/
		US-5,377,077	12/27/1994	Burns	/
		US-5,375,041	12/20/1994	McMahon	/
		US-5,347,428	09/13/1994	Carson, et al.	/
		US-5,343,075	08/30/1994	Nishino	/
		US-5,313,097	05/17/1994	Haj-Ali-Ahmadi, et al.	/
		US-5,311,401	05/10/1994	Gates, Jr. et al.	/
		US-5,289,062	02/22/1994	Wyland	/
		US-5,281,852	01/25/1994	Normington	/
		US-5,279,029	01/18/1994	Burns	/
		US-5,262,927	11/16/1993	Chia, et al.	/
		US-5,261,068	11/09/1993	Gaskins, et al.	/
		US-5,259,770	11/09/1993	Bates, et al.	/
		US-5,247,423	09/21/1993	Lin, et al.	/
		US-5,241,454	08/31/1993	Ameen, et al.	/
		US-5,239,198	08/24/1993	Lin et al.	/
		US-5,224,023	06/29/1993	Smith, et al.	/
		US-5,222,014	06/22/1993	Lin	/
		US-5,198,888	03/30/1993	Sugano, et al.	/
		US-5,159,434	10/27/1992	Kohno, et al.	/

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Examiner Signature	Thanh Tran	Date Considered	5/19/05
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Sheet	6	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB

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TYI		US-5,138,430	08/11/1992	Gow, 3rd, et al.	—
		US-5,117,282	05/26/1992	Salatino	—
		US-5,104,820	04/14/1992	Go, deceased, et al.	—
		US-5,099,393	03/24/1992	Bentlage, et al.	—
		US-5,041,015	08/20/1991	Travis	—
		US-5,034,350	07/23/1991	Marchisi	—
		US-5,016,138	05/14/1991	Woodman	—
		US-5,012,323	04/30/1991	Farnworth	—
		US-4,985,703	01/15/1991	Kaneyama	—
		US-4,983,533	01/08/1991	Go	—
		US-4,956,694	09/11/1990	Eide	—
		US-4,953,060	08/28/1990	Lauffer, et al.	—
		US-4,911,643	03/27/1990	Perry, et al.	—
		US-4,891,789	01/02/1990	Quattrini, et al.	—
		US-4,884,237	11/28/1989	Mueller, et al.	—
		US-4,862,249	08/29/1989	Carlson	—
		US-4,833,568	05/23/1989	Berhold	—
		US-4,823,234	04/18/1989	Konishi, et al.	—
		US-4,821,007	04/11/1989	Fields, et al.	—
		US-4,763,188	08/09/1988	Johnson	—

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		US-4,696,525	09/29/1987	Coller, et al.	/
		US-4,645,944	02/24/1987	Uya	/
		US-4,513,368	04/23/1985	Houseman	/
		US-4,437,235	03/20/1984	McIver	/
		US-4,406,508	09/27/1983	Sadigh-Behzadi	/
		US-4,398,235	08/09/1983	Lutz, et al.	/
		US-4,288,841	09/08/1981	Gogal	/
		US-4,103,318	07/25/1978	Schwede	/
		US-3,772,776	11/20/1973	Weisenburger	/
		US-3,746,934	07/17/1973	Stein	/
		US-3,727,064	04/10/1973	Bottini	/
		US-3,654,394	04/04/1972	Gordon	/
		US-3,436,604	04/01/1969	Hytiln	/
		US-2004/0150107	08/05/2004	Cha, et al.	/
		US 2004/0021211 A1	02/05/2004	Damberg	/
		US 2003/0168725 A1	09/11/2003	Warner, et al.	/
		US-2002/0180022 A1	12/05/2002	Emoto, Yoshiaki	/
		US-2002/0164838 A1	11/07/2002	Moon, et al.	/
		US-2002/0139577 A1	10/03/2002	Miller	/
		US-2002/0101261 A1	08/01/2002	Karabatsos	/

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8 of 9

Complete if Known	
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2811
Examiner Name	TBA
Attorney Docket Number	254-094-CIP4/CIP-MB

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Sheet 9 of 9

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NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TYT		WILLIAM R. NEWBERRY, Design Techniques for Ball Grid Arrays, Xynetix Design Systems, Inc., Portland, Maine, Published on the Internet.
		Tessera Technologies, Inc. - Semiconductor Intellectual Property, Chip Scale Packaging - Website pages (3), Published on Internet.
		Tessera Introduces uZ - Ball Stacked Memory Package for Computing and Portable Electronic Products, OYCE SMARAGDIS, Tessera Public Relations, SANDY SKEES, MCA PR (www.tessera.com/news_events/press_coverage.cfm); 2 figures that purport to be directed to the uZ - Ball Stacked Memory Package. Published 7/17/2002, San Jose, CA.
		RON BAUER, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Spring 2002, Published on the Internet.
		Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, Published on the Internet.
		Chip Scale Review Online - An Independent Journal Dedicated to the Advancement of Chip-Scale Electronics. (Website 9 pages) FJELSTAD, JOSEPH, Pacific Consultants L.L.C., Published Jan 2001 on Internet.
		Flexible Thinking: Examining the Flexible Circuit Tapes. (Website 2 pages) FJELSTAD, JOSEPH., Published 4/20/2000 on Internet.
		Die Products: Ideal IC Packaging for Demanding Applications - Advanced packaging that's no bigger than the die itself brings together high performance and high reliability with small size and low cost. (Website 3 pages with 2 figures) LARRY GILG AND CHRIS WINDSOR. December 23, 2002. Published on Internet.

Examiner Signature	Thanh Tran	Date Considered	5/19/05
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